

ABSTRACT OF THE DISCLOSURE

A process for preparing breathable, elastic polyolefin films, including the steps of blow molding a mixture of polyolefin, styrenic thermoplastic elastomer and filler to form a tube, squeezing the tube to obtain a flat film, heating the flat film to its softening point, pressing the flat film, cooling the flat film to a temperature of 8 to 30°C, and stretching the film in the transverse and/or longitudinal directions to make it breathable. Apparatus for practicing the process is also disclosed.